

METHOD FOR ADDING PHONETIC DESCRIPTIONS TO A SPEECH RECOGNITION LEXICON

ABSTRACT OF THE DISCLOSURE

5 A method and computer-readable medium
convert the text of a word and a user's pronunciation
of the word into a phonetic description to be added to
a speech recognition lexicon. Initially, two possible
phonetic descriptions are generated. One phonetic
10 description is formed from the text of the word. The
other phonetic description is formed by decoding a
speech signal representing the user's pronunciation of
the word. Both phonetic descriptions are scored based
on their correspondence to the user's pronunciation.
15 The phonetic description with the highest score is
then selected for entry in the speech recognition
lexicon.